

# CATALOGUE OF THE NAMES PUBLISHED BY HECTOR LÉVEILLÉ: X\*

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ABSTRACT. The species described by Lévillé belonging to the families Stylidiaceae, Goodeniaceae, Campanulaceae (incl. Lobeliaceae), Vacciniaceae, Ericaceae (incl. Clethraceae) and Epacridaceae are evaluated. Other species described in, but not belonging to, these families are also included. There are three new combinations and one new name: *Adenophora chanelii* (Lévl.) Chamberlain; *Adenophora tetraphylla* (Thunb.) Fischer var. *abbreviata* (Lévl.) Chamberlain; *A. tetraphylla* var. *hirsuta* (Fr. Schmidt) Chamberlain; and *Cyananthus albiflorus* Chamberlain.

## INTRODUCTION

Following the usual practice in this catalogue, details of type specimens are not cited here when they have appeared in Rehder's work (Journ. Arn. Arb. 15, 1934; 18, 1937). However, all other specimens cited have been examined unless otherwise stated.

I am grateful to Dr J. Cullen for advice on the treatment of the lepidote Rhododendrons and to Mr L. A. Lauener for general guidance.

## STYLIDIACEAE

**1245.** *Stylidium tenellum* Swartz in Mag. Ges. naturf. Fr. Berlin 1:51 (1807); Mildbraed in Engler, Pflanzenr. 35 (IV. 278): 35 (1908).

*Epilobium tonkinense* Lévl. in Bull. Herb. Boiss. sér. 2, 7:588 (1907).

N VIETNAM. Tonkin, près de Quang-Yen, dans les rizières après la moisson, 25 xi 1885, *Balansa* 1398 (iso. *E. tonkinense*, E).

## GOODENIACEAE

**1246.** *Scaevola chamissoniana* Gaudich. var. *caerulescens* Lévl. in Fedde, Rep. Sp. Nov. 10:150 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Hanapepe, xii 1909, *Faurie* 659 (typus—n.v.).

**1247.** *Scaevola frutescens* (Miller) Krause in Engler, Pflanzenr. 54 (IV. 277): 125 (1912); Rock in Fedde, Rep. Sp. Nov. 13:353 (1914).

*Lobelia frutescens* Miller, Gard. Dict. ed. 8: (1768).

*Scaevola fauriei* Lévl. in Fedde, Rep. Sp. Nov. 10:150 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Koloa, xii 1909, *Faurie* 651 (typus—n.v.).

\* Part I, Notes R.B.G. Edinb. 23:573-596 (1961); II, 73-78 (1962); III, 26:333-346 (1966); IV, 27:1-10 (1966); V, 27:265-292 (1967); VI, 30:239-294 (1970); VII, 31:397-435 (1972); VIII, 32:93-116 (1972); IX, 34:327-402 (1976).

**1248. *Scaevola procera*** Hillebr., Fl. Hawaiian Islands 268 (1888); Rock in Fedde, Rep. Sp. Nov. 13:353 (1914).

*S. x blinii* Lévl. in Fedde, Rep. Sp. Nov. 10:150 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Waimea, iii 1910, *Faurie* 661 (typus—n.v.).

#### CAMPANULACEAE

**1249. *Adenophora axilliflora*** Borb. in Mag. Bot. Lapok 3:191 (1904); Hand.-Mazz., Symb. Sin. 7:1072 (1936).

*A. sinensis* DC. var. *pilosa* DC., Monogr. Camp. 354 (1830).

*A. argyi* Lévl. in Bull. Acad. Géog. Bot. 24:292 (1914); Lévl. in Mem. Real Acad. Cienc. Artes Barcelona, ser. 3, 12:545 (1916).

*A. rotundifolia* Lévl. in Bull. Acad. Géog. Bot. 24:292 (1914).

CHINA. Kiangsu: *d'Argy* s.n. (holo. *A. argyi*, E); Mei-Chen, mines d'étain à côté de Vou-Sié, *d'Argy* s.n. (holo. *A. rotundifolia*, E).

**1250. *Adenophora bockiana*** Diels in Bot. Jahrb. 29:605 (1901); Nannf. in Acta Horti Gotob. 5:15, t. 4 (1929).

*Campanula cavaleriei* Lévl., Fl. Kouy-Tchéou 57 (1914)—*nom. nud.*

CHINA. Kweichow: environs de Tou-Chan, ix 1899, *Cavalerie & Bodinier* 2697 (E).

The above specimen, cited by Léveillé under *C. cavaleriei*, agrees with material determined by Nannfeldt as *A. bockiana*, especially in its linear, serrate leaves and its serrate calyx lobes.

**1251. *Adenophora chanetii*** (Lévl.) Chamberlain, *comb. nov.*

*Campanula chanetii* Lévl. in Fedde, Rep. Sp. Nov. 9:450 (1911) & in Bull.

Acad. Géog. Bot. 27:71 (1917).

CHINA. Hopei: montagnes de Fou-Ping, vi 1909, *Chanet* 426 (syntype E); Kia Chuan, viii 1910, *Chanet* 569 (syntype E).

Closely allied to *A. polymorpha* var. *chanetii* but distinguished by the flower branches and entire calyx lobes. *A. polyantha* Nakai is probably synonymous with *A. chanetii*.

**1252. *Adenophora polymorpha*** Ledeb. var. *chanetii* Lévl. in Fedde, Rep. Sp. Nov. 12:22 (1913).

CHINA. Hopei (Pé-Tché-Li), 1904, *Chanet* 570 (holo. E).

This taxon appears to be close to *A. wawreana* Zahlbr. and *A. chanetii* and may only be distantly related to *A. polymorpha* Ledeb. *sensu stricto*.

**1253. *Adenophora taquetii*** Lévl. in Fedde, Rep. Sp. Nov. 12:22 (1913); Nakai in Bull. Nat. Sci. Mus. Tokyo 31:110 (1952).

KOREA. Quelpaert in petrosis, et sepibus Hallaisan, 2000 m, 25 viii 1911, *Taquet* 5775, 5776 (syntypes E).

**1254-55 *Adenophora tetraphylla* (Thunb.) Fischer in Mém. Soc. Nat. Mosc. 6:169 (1823).**

This is a wide-ranging polymorphic species. The resulting complexities in the nomenclature require the inclusion of synonyms for var. *tetraphylla* even though no Léveillé names are involved.

var. ***tetraphylla***

*Campanula tetraphylla* Thunb., Fl. Jap. 87 (1784).

*C. triphylla* Thunb., l.c. (1784).

*C. verticillata* Pallas, Reise 3:719 (1776) non Hill (1765).

*Adenophora verticillata* (Pallas) Fischer in Mém. Soc. Nat. Mosc. 6:167 (1823); Lévl., Fl. Kouy-Tchéou 56 (1914); Hand.-Mazz., Symb. Sin. 7:1074 (1936).

*A. radiatifolia* Nakai in Bull. Nat. Sci. Mus. Tokyo 31:110 (1952).

**1254. *Adenophora tetraphylla* (Thunb.) Fischer var. *hirsuta* (Fr. Schmidt) Chamberlain, comb. nov.**

*A. verticillata* (Pallas) Fischer var. *hirsuta* Fr. Schmidt in Mém. Acad. Imp. Sci. St. Pétersb. 12, 2:155 (1868).

*A. polymorpha* Ledeb. var. *rhombifolia* Lévl. in Fedde, Rep. Sp. Nov. 12:22 (1913).

*A. radiatifolia* Nakai var. *hirsuta* (Fr. Schmidt) Nakai in Bull. Nat. Sci. Mus. Tokyo 31:110 (1952).

KOREA. Quelpaert: in herbidis Hioton, x 1909, *Taquet* 2964; in herbidis, ix, 1910, *Taquet* 4302 (syntypes of *A. polymorpha* var. *rhombifolia*, E).

**1255. *Adenophora tetraphylla* (Thunb.) Fischer var. *abbreviata* (Lévl.) Chamberlain, comb. nov.**

*A. verticillata* (Pallas) Fischer var. *abbreviata* Lévl. in Fedde, Rep. Sp. Nov. 12:22 (1913).

*A. radiatifolia* Nakai var. *abbreviata* (Lévl.) Nakai in Bull. Nat. Sci. Mus. Tokyo 31:110 (1952).

KOREA. Quelpaert: in herbidis Hsepieng, 6 ix 1911, *Taquet* 5771 (holo. E).

Because little is known of the geographical ranges and the degree of overlap of the two infraspecific taxa mentioned here, they have been left at varietal rank. Var. *abbreviata*, a constantly small variant which may be restricted to Korea, might be better treated as a subspecies.

**1256. *Campanula colorata* Wall. in Roxb., Fl. Indica 2:101 (1824); Lévl., Cat. Pl. Yunnan 23 (1915).**

*C. nepetaefolia* Lévl. & Van. in Lévl., Fl. Kouy-Tchéou 57 (1914), Lévl., Cat. Pl. Yunnan 23 (1915)—*nom. nud.*

CHINA. Kweichow: environs de Kouy-yang, 1 vi 1893, *Bodinier* 1668, 1668 bis; Tchen-fong, Tcha-tang, viii 1904, *J. Esquirol* 158, 525, 869.

The specimens cited above are mentioned by Léveillé & Vaniot under *C. nepetaefolia*. The Bodinier specimens are clearly *C. colorata*; the Esquirol material however, with its smaller, more densely hairy leaves, is nearer *C. cana* Wall.

**1257. *Campanula fulgens* Wëll.** in Roxb., Fl. Indica 2:99 (1824); Lévl., Cat. Pl. Yunnan 23 (1915).

*C. bodinieri* Lévl., Fl. Kouy-Tchéou 57 (1914), Cat. Pl. Yunnan 23 (1915) & in Bull. Acad. Géog. Bot. 27:71 (1917)—*nom. nud.*

CHINA: Kweichow: environs de Kouy-Yang, Bois de Chieñ-lin-cheñ, 20 vii 1899, *Bodinier* 2698; Tay Chang, viii 1904, *Esquirol* 160, 161; Obelique Tche sien, 3 xi 1904, *Esquirol* 309; Pin Fa, 25 vi 1902, *Cavalerie* 1277.

The above specimens, all at Edinburgh, were cited by Lévillé in *Fl. Kouy-Tchéou* under *C. bodinieri*.

**1258. *Campanumoea javanica* Blume,** Bijdr. 727 (1826); Hand.-Mazz., Symb. Sin. 7:1076 (1936).

*C. labordei* Lévl. in Bull. Soc. Agric. Sci. Arts Sarthe 39:323 (1904) reprinted in Fedde, Rep. Sp. Nov. 6:376 (1909), Fl. Kouy-Tchéou 57 (1914) & Cat. Pl. Yunnan 23 (1915).

CHINA: Kweichow: environs de Kouang chouen, bords de la route de Tsin-gay, 28 viii 1899, environs de Tsin-gay à Tchao-se, 7 ix 1899, *Laborde & Bodinier* 2899 (holo. *C. labordei*, E).

**1259. *Clermontia carinifera* Lévl.** in Fedde, Rep. Sp. Nov. 12:505 (1913). HAWAIIAN (SANDWICH) ISLANDS. Kauai, Koloa, xii 1909, *Faurie* 10 (typus—n.v.).

**1260. *Clermontia clermontioides* (Gaudich.) Heller** in Minnesota Bot. Studies 1:906 (1897); Wimmer in Engler, Pflanzenr. 106 (IV 276b): 93 (1943).

*Delissea clermontioides* Gaudich., Bot. Voy. Bonite t. 47 (1842).

*Clermontia gaudichaudii* Hillebr., Fl. Haw. Isl. 243 (1888); Rock in Fedde, Rep. Sp. Nov. 13:354 (1914).

*C. fauriei* Lévl. in Fedde, Rep. Sp. Nov. 10:156 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Waimea, iii 1910, *Faurie* 578 (typus—n.v.).

**1261. *Clermontia fulva* Lévl.** in Fedde, Rep. Sp. Nov. 12:506 (1913). Rock in Fedde, Rep. Sp. Nov. 13:354 (1914).

HAWAIIAN (SANDWICH) ISLANDS. Kauai, Kauhao, iii 1910, *Faurie* 11 (typus—n.v.).

**1262. *Clermontia parviflora* [Gaudich. ex] A. Gray** in Proc. Am. Acad. 5:150 (1861); Rock in Fedde, Rep. Sp. Nov. 13:354 (1914); Wimmer in Engler, Pflanzenr. 106 (IV.276b): 79, 92 (1943) & 108 (IV.276c): (suppl.) f. 11b (1968).

*Cyanea blinii* Lévl. in Fedde, Rep. Sp. Nov. 10:156 (1911).

HAWAIIAN (SANDWICH) ISLANDS. Hawaii, Glenwood, v 1909, *Faurie* 575 (typus—n.v.).

**1263. *Codonopsis bulleyana* [Forrest ex] Diels** in Notes R.B.G. Edinb. 5:171 (1912).

*Cyananthus mairei* Lévl., Cat. Pl. Yunnan 25 (1915).

CHINA. Kweichow, rochers du Io-chan, 3200 m, viii 1911, *E. E. Maire* s.n. (holo. *Cyananthus mairei*, E).

**1264. *Codonopsis convolvulacea*** Kurz in Journ. Bot. (Lond.) 11:195 (1873); Lévl., Cat. Pl. Yunnan 24 (1915); Anthony in Notes R.B.G. Edinb. 15:177 (1926).

*C. graminifolia* Lévl., Cat. Pl. Yunnan 24 (1915).

CHINA. Yunnan, *sine loc.*, pâturages des mont, partout, 2400 m, vii 1911, *E. E. Maire* s.n. (holo. *C. graminifolia*, E).

Shen et al. (in Acta Phytotax. Sin. 13, 3:54, 1975) refer *C. graminifolia* to *C. convolvulacea* var. *pinifolia* (Hand.-Mazz.) Anthony. The holotype sheet is mixed: part is clearly var. *convolvulacea*; part var. *pinifolia* and part is intermediate. An isotype, also at Edinburgh, is var. *pinifolia* exclusively.

**1265. *Codonopsis forrestii*** Diels in Notes R.B.G. Edinb. 5:171 (1912); Lévl., Cat. Pl. Yunnan 24 (1915); Anthony in Notes R.B.G. Edinb. 15:179 (1926).

*C. mairei* Lévl., Cat. Pl. Yunnan 24 (1915).

CHINA. Yunnan, haies, brousse, pâturages des montagnes à Ta-hai, 3200 m, vii 1911, *E. E. Maire* s.n. (holo. *C. mairei*, E).

**1266. *Codonopsis lanceolata*** (Sieb. & Zucc.) [Benth. & Hook.f. ex] Trautv. in Acta Hort. Petrop. 6:46 (1879); Anthony in Notes R.B.G. Edinb. 15:188 (1926).

*Campanumoea lanceolata* Sieb. & Zucc., Fl. Jap. 1:174, t. 91 (1835).

*Campanumoea japonica* Sieb. & Morr., Belg. Hort. 337 (1863).

*Codonopsis bodinieri* Lévl., Fl. Kouy-Tchéou 57 (1914) & Cat. Pl. Yunnan 24 (1915).

CHINA. Kweichow, Kouy-Yang, mont. du Collège, gorges de Yang-Pa, brousse, 20 vii 1898, *Bodinier* 2437 (syntype *C. bodinieri*, E); Tsin Gai, Gai Kao-Po, ruisseau, 1903, *Cavalerie* 1180 (syntype *C. bodinieri*, E).

**1267. *Codonopsis micrantha*** Chipp in Journ. Linn. Soc. Bot. 38:382 (1908); Lauener in Notes R.B.G. Edinb. 31:430 (1972).

*Campanumoea violifolia* Lévl., Cat. Pl. Yunnan 24 (1915).

*Melothria violifolia* Lévl., l.c. 65 (1916).

CHINA. Yunnan, haies de la plaine de Tche-Hay, 2500 m, viii 1911, *E. E. Maire* s.n. (holo. *Campanumoea violifolia* E); haies de la plaine à Ta-Kaio, 2500 m, viii 1912, *E. E. Maire* (holo. *M. violifolia*, E).

**1268. *Codonopsis tubulosa*** Kom. in Acta Hort. Petrop. 29:112, t. 2, f.3 (1908); Anthony in Notes R.B.G. Edinb. 15:182 (1926).

*C. accrescenticalyx* Lévl., Cat. Pl. Yunnan 24 (1915).

*C. pilosa* Chipp in Journ. Linn. Soc. (Bot.) 38:388 (1908).

*C. macrocalyx* Diels var. *coerulescens* Hand.-Mazz. in Anz. Akad. Wiss. Wien, Math.-Nat. Kl. 20:8 (1924).

CHINA. Yunnan, pâturages des montagnes à Tcha-Ho, 2600 m, vii 1912, *E. E. Maire* s.n. (holo. *C. accrescenticalyx*, E).

**1269. *Cyananthus albiflorus* Chamberlain, nom. nov.***Wahlenbergia mairei* Lévl. in Fedde, Rep. Sp. Nov. 12:285 (1913).*Atropanthe mairei* (Lévl.) Lévl. in Bull. Acad. Géog. Bot. 25:37 (1915).*Cyananthus mairei* (Lévl.) Cowan in New Flora & Silva 10:188 (1938)—non Lévl. (1915).CHINA. Yunnan, pâturages des h. plateaux à Ta-hai, 3200 m, vii 1912, *E. E. Maire* s.n. (holo. E).This species is close to *Cyananthus flavus* Marquand but differs in its white flowers, etc. (cf. Cowan, l.c.).**1270. *Cyanea coriacea* (Gray) Hillebr. var. *fauriei* (Lévl.) Wimmer in Engler, Pflanzenr. 106 (IV.276b): 72 (1943).***C. fauriei* Lévl. in Fedde, Rep. Sp. Nov. 10:156 (1911).HAWAIIAN (SANDWICH) ISLANDS. Kauai, Koloa, Waimea, 1000 m, xii 1909, iii 1910, *Faurie* 565, 591 (typi—n.v.).**1271. *Cyanea multispicata* Lévl. in Fedde, Rep. Sp. Nov. 10:157 (1911); Rock in Fedde, Rep. Sp. Nov. 13:354 (1914); Wimmer in Engler, Pflanzenr. 106 (IV.276b): 73 (1943).**HAWAIIAN (SANDWICH) ISLANDS. Kauai, Waimea, 1000 m, iii 1910, *Faurie* 576, 594 (typi—n.v.).**1272. *Cyanea salicina* Lévl. in Fedde, Rep. Sp. Nov. 12:505 (1913).**HAWAIIAN (SANDWICH) ISLANDS. Kauai, Kealia, i 1910, *Faurie* 569 (typus—n.v.).**1273. *Cyanea spathulata* (Hillebr.) Heller in Minnesota Bot. Studies 1:909, f.60 (1897); Rock in Fedde, Rep. Sp. Nov. 13:354 (1914); Wimmer in Engler, Pflanzenr. 106 (IV.276b): 72 (1943).***C. coriacea* Hillebr. var. *spathulata* Hillebr., Fl. Haw. Isl. 254 (1888).*Rollandia fauriei* Lévl. in Fedde, Rep. Sp. Nov. 12:506 (1913).HAWAIIAN (SANDWICH) ISLANDS. Kauai, Waimea, iii 1910, *Faurie* 568 (typus—n.v.).**1274. *Cyanea sylvestris* Heller in Minnesota Bot. Studies 1:909, f.66 (1897) var. *syvestris*; Wimmer in Engler, Pflanzenr. 106 (IV. 276b): 61 (1943).***C. feddei* Lévl. in Fedde, Rep. Sp. Nov. 10:156 (1911).HAWAIIAN (SANDWICH) ISLANDS. Kauai, i 1910, *Faurie* 567 (typus—n.v.).**1275. *Delissea fauriei* Lévl. in Fedde, Rep. Sp. Nov. 12:505 (1913).**HAWAIIAN (SANDWICH) ISLANDS. Molokai, ravins à Pukoo, v 1910, *Faurie* 572 (typus—n.v.).Wimmer [in Engler, Pflanzenr. 106 (IV.276b): 45, 1943] considers that this species probably does not belong to *Delissea* as the type description refers to 'capsules'.

1276. *Lobelia cavaleriei* Lévl. in Fedde, Rep. Sp. Nov. 9:455 (1911).  
CHINA. Kweichow: route de Pin-Fa à Tou-Yun, v 1908, *Cavalerie* 2989 (iso. E).

Léveillé (Fl. Kouy-Tchéou 58, 1914) later treated this name as a synonym of *L. affinis* Wall. The holotype has not been found and was not seen by Wimmer who treated *L. cavaleriei* as a 'species dubia'. The isotype seen is too poor even to be sure that it belongs to the *Campanulaceae*.

*Lobelia esquirolii* Lévl., = *Mazus* aff. *pumilus* (Burm. f.) van Steenis (Scrophulariaceae).

1277. *Lobelia seguinii* Lévl. & Van. in Fedde, Rep. Sp. Nov. 12:186 (1913); Lévl., Fl. Kouy-Tchéou 59 (1914); Wimmer in Engler, Pflanzenr. 107 (IV.276b): 648 (1943).

CHINA. Kweichow: environs de Houang-Ko-Chou, dans les hautes herbes de la montagne, 8 x 1898, *J. Séguin* (syntype, E); 31 iii 1904, *Esquirol* 6 (syntype, E)—referable to forma *longispala* Wimmer.

#### REFERENCES FOR CAMPANULACEAE

- Anthony, J. (1926). A key to the genus *Codonopsis* Wall. *Notes R.B.G. Edinb.* 15:173-190.  
Shen, L., Tang, S., Yueh, S. & Hsien, C. (1975). The genus *Codonopsis* in Szechuan. *Acta Phytotax. Sin.* 13, 3:51-68.  
Wimmer, F. E. (1943, 1957). *Campanulaceae-Lobelioideae*. *Engler, Pflanzenreich* 106, 107 (IV.276b): 1-813.

#### VACCINIACEAE

1278. *Vaccinium albidens* Lévl. & Van. in Fedde, Rep Sp. Nov. 9:447 (1911) & Lévl., Fl. Kouy-Tchéou 154 (1914); Rehder in Journ. Arn. Arb. 15:283 (1934).  
CHINA. Kweichow: *sine loc.*, vi 1902, *Esquirol* 379 (E).

The poor fruiting specimen seen falls between *V. pubicalyx* Franchet var. *anomalous* Anthony and *V. iteophyllum* Hance, with the smaller leaves and denser yellowish-villous indumentum of the young stems and leaf axes of the former and the broad cartilaginous leaf margin and very sparsely ciliate calyx lobes of the latter. Without flowering material, the exact affinities of *V. albidens* remain uncertain.

1279. *Vaccinium bracteatum* Thunb.; Lévl., Fl. Kouy-Tchéou 154 (1914); Nakai, Fl. Sylv. Kor. 8:58 (1919); Rehder in Journ. Arn. Arb. 15:282 (1934).  
*V. malaccense* Wight in Calcutta Journ. Nat. Hist. 8:172 (1847); Rehder in Journ. Arn. Arb. 15:285 (1934).  
*Pieris divaricata* Lévl. in Bull. Acad. Géog. Bot. 12:252 (1903).  
*P. ovalifolia* (Wall.) G. Don var. *denticulata* Lévl. in Bull. Soc. Bot. Fr. 51:291 (1904).



*P. lucida* Lév. in Bull. Soc. Bot. Fr. 53:207 (1906), in Fedde, Rep. Sp. Nov. 3:263 (1907) & Fl. Kouy-Tchéou 150 (1914).

*P. coreana* Lév. in Fedde, Rep. Sp. Nov. 5:281 (1908).

*P. fauriei* Lév., l.c. 5:281 (1908).

*V. taquetii* Lév., l.c. 12:182 (1913).

*Vaccinium cavaleriei* Lév. & Van. = *Schoepfia jasminodora* Sieb. & Zucc. (Oleaceae).

1280. *Vaccinium dunalianum* Wight var. *urophyllum* Rehder & Wilson; Lév., Cat. Pl. Yunnan 94 (1916); Rehder in Journ. Arn. Arb. 15:286 (1934).

*Pieris martini* Lév. in Bull. Acad. Géog. Bot. 12:252 (1903); in Bull. Soc. Bot. Fr. 53:204 (1906) & Fl. Kouy-Tchéou 150 (1914).

1281. *Vaccinium fauriei* Lév. in Fedde, Rep. Sp. Nov. 10:152 (1911)—non (1913).

HAWAIIAN (SANDWICH) ISLANDS. Molokai, Kamolo, vi 1909, *Faurie* 700; Hawaii, Maunakea, 2000 m, vii 1909, *Faurie* 702 (syntypes—n.v.).

Rock (in Fedde, Rep. Sp. Nov. 13:356, 1914) considers that *V. fauriei* might only be a form of *V. reticulatum*. See addendum.

1282. *Vaccinium foetidissimum* Lév. & Van. in Fedde, Rep. Sp. Nov. 9:447 (1911); Lév., Fl. Kouy-Tchéou 154 (1914); Rehder in Journ. Arn. Arb. 15:286 (1934).

*Anisophyllea cavaleriei* Lév., Fl. Kouy-Tchéou 344 (1915).

1283. *Vaccinium fragile* Franch. (incl. var. *myrtifolium* Franch.); Lév., Cat. Pl. Yunnan 94 (1916); Hand.-Mazz., Symb. Sin. 7:796 (1936); Rehder in Journ. Arn. Arb. 15:286 (1934), *op. cit.* 18:231 (1937); Sleumer in Bot. Jahrb. 71:455 (1940).

*Pieris repens* Lév. in Bull. Acad. Géog. Bot. 12:252 (1903), in Bull. Soc. Bot. Fr. 53:205 (1906), Fl. Kouy-Tchéou 150 (1914) & Cat. Pl. Yunnan 87 (1916).

*Pieris gagnepainiana* Lév. in Bull. Acad. Géog. Bot. 12:251 (1903), in Bull. Soc. Bot. Fr. 53:205 (1906) & Cat. Pl. Yunnan 87 (1916).

*V. repens* (Lév.) Rehder in Journ. Arn. Arb. 15:283 (1934).

1284. *Vaccinium japonicum* Miq. var. *japonicum*; Rehder in Journ. Arn. Arb. 15:288 (1934).

KOREA. Hallaisan, vii 1907, *Faurie* 1879; *ibid.*, x 1907, *Taquet* 309; Quelpaert, x 1906, *Faurie* 669; *ibid.*, *Taquet* 1082.

The above specimens in the Lévillé Herbarium are referable to var. *japonicum*. *V. fauriei* Lév. (1913 non 1911), cited as a synonym of var. *japonicum* by Rehder (l.c.), is not related to this species (see note under *V. koreana*).



1285. *Vaccinium japonicum* Miq. var. *sinicum* (Nakai) Rehder in Journ. Arn. Arb. 5:56 (1924), *l.c.* 15:288 (1934); Sleumer in Bot. Jahrb. 71:491 (1940).  
*V. siccum* Lévl. & Van. in Fedde, Rep. Sp. Nov. 9:447 (1911); Lévl., Fl. Kouy-Tchéou 154 (1914).  
*Agapetes vaccinioides* Lévl. in Bull. Acad. Géog. Bot. 12:251 (1903); & Fl. Kouy-Tchéou 147 (1914).  
*Oxycoccoides japonicus* (Miq.) Nakai var. *sinica* Nakai, Trees and Shrubs of Japan ed. 1:168 (1922).  
*Hugeria vaccinioides* (Lévl.) Hara in Journ. Jap. Bot. 21:146 (1947).

1286. *Vaccinium koreanum* Nakai, Trees and Shrubs of Japan ed. 1:191, f. 113 (1922).  
*V. fauriei* Lévl. in Fedde, Rep. Sp. Nov. 12:182 (1913)—non Lévl. (1911).  
*V. japonicum* Miq. var. *fauriei* (Lévl.) Sleumer in Bot. Jahrb. 71:490 (1940).  
KOREA. Kogan prov.: Mts des Diamants, 22 vi 1906, *Faurie* 663 (holo. *V. fauriei*, E).

The type of *V. fauriei* is in fruit but has an articulated calyx-pedicele junction; this character excludes it from sect. *Oxycoccoides* to which *V. japonicum* belongs. The mistaken concept of *V. fauriei* held by both Rehder and Sleumer may result from the *Faurie* and Taquet material from Korea which is cited above under *V. japonicum*.

1287. *Vaccinium penduliflorum* Gaud. in Freyc., Voy. autour du Monde (Botanique) 11:454, t.68 (1829); Rock in Fedde, Rep. Sp. Nov. 13:356 (1914).  
*V. hamatidens* Lévl. in Fedde, Rep. Sp. Nov. 10:152 (1911). See addendum.  
HAWAIIAN (SANDWICH) ISLANDS. Waimea, ii 1910, *Faurie* 699 (type of *V. hamatidens*).

1288. *Vaccinium pubicalyx* Franch.; Rehder in Journ. Arn. Arb. 15:285 (1934).  
*Myrica mairei* Lévl. in Bull. Acad. Géog. Bot. 25:40 (1915); Cat. Pl. Yunnan 177 (1916).

1289. *Vaccinium pubicalyx* Franch. var. *leucocalyx* (Lévl.) Rehder in Journ. Arn. Arb. 15:285 (1934).  
*Pieris esquirolii* Lévl. var. *leucocalyx* Lévl. in Bull. Soc. Bot. Fr. 53:206 (1906) & in Fedde, Rep. Sp. Nov. 3:263 (1907).

1290. *Vaccinium sprengelii* (G. Don) Sleumer in Bot. Jahrb. 71:460 (1940).  
*Agapetes sprengelii* G. Don, Gen. Syst. 3:862 (1834).  
*Vaccinium mandarinorum* Diels in Bot. Jahrb. 29:516 (1901); Rehder in Journ. Arn. Arb. 15:284 (1934).  
*Pieris declouxii* Lévl. in Bull. Acad. Géog. Bot. 12:253 (1903); in Bull. Soc. Bot. Fr. 53:206 (1906), Cat. Pl. Yunnan 87 (1916).  
*P. longicornu* Lévl. & Van. in Bull. Soc. Bot. Fr. 51:291 (1904) & 53:206 (1906); Lévl., Fl. Kouy-Tchéou 149 (1914).

- P. esquirolii* Lév. & Van. in Bull. Soc. Bot. Fr. 53:206 (1906)—incl. var. *discolor* Lév. & Van., l.c.; & in Fedde, Rep. Sp. Nov. 3:263 (1907); Lév., Fl. Kouy-Tchéou 149 (1914).  
*V. duclouxii* (Lév.) Hand.-Mazz. in Anz. Akad. Wiss. Wien., Math.-Nat. Kl. 42:146 (1925) & Symb. Sin. 7:794 (1936); Rehder in Journ. Arn. Arb. 15:284 (1934), 18:231 (1937).  
*V. mandarinorum* Diels var. *austrosinense* (Hand.-Mazz.) Metcalf in Journ. Arn. Arb. 12:274 (1931); Rehder in Journ. Arn. Arb. 18:231 (1937).

For a more complete synonymy see Sleumer, l.c.

- 1291. *Vaccinium triflorum*** Rehder in Journ. Arn. Arb. 15:287 (1934).  
*Pieris buxifolia* Lév. & Van. in Bull. Soc. Bot. Fr. 53:203 (1906) & in Fedde, Rep. Sp. Nov. 3:262 (1907).  
*V. buxifolium* (Lév. & Van.) Lév. in Fedde, Rep. Sp. Nov. 12:101 (1913), Fl. Kouy-Tchéou 154 (1914) non Hook. f. (1852).

#### REFERENCE FOR VACCINIACEAE

Sleumer, H. (1940). Vaccinioideen-Studien. *Bot. Jahrb.* 71:375-510.

#### ERICACEAE

Where recent information is available, Rehder's treatment has been updated. This applies particularly to *Rhododendron* as a revision of the genus is currently being undertaken at Edinburgh.

- 1292. *Cassiope selaginoides*** Hook. f. & Thoms.; Lév., Cat. Pl. Yunnan 86 (1916); Rehder in Journ. Arn. Arb. 15:280 (1934).

*C. mairei* Lév. in Fedde, Rep. Sp. Nov. 13:342 (1914); Cat. Pl. Yunnan 86 (1916).

- 1293. *Clethra bodinieri*** Lév. in Fedde, Rep. Sp. Nov. 10:475 (1912) & Fl. Kouy-Tchéou 147 (1914); Hand.-Mazz. in Sinensia 5:3 (1934); Rehder in Journ. Arn. Arb. 15:267 (1934), 18:228 (1937); Hu in Journ. Arn. Arb. 41:179 (1960) (incl. var. *latifolia* Hu and var. *parvifolia* Hu); Sleumer in Bot. Jahrb. 87:62 (1967).

- 1294. *Clethra cavaleriei*** Lév. in Fedde, Rep. Sp. Nov. 10:476 (1912), Fl. Kouy-Tchéou 147 (1914); Rehder in Journ. Arn. Arb. 15:267 (1934), 18:228 (1937); Hand.-Mazz., Symb. Sin. 7:760 (1936); Hu in Journ. Arn. Arb. 41:183 (1960); Sleumer in Bot. Jahrb. 87:66 (1967).

*C. esquirolii* Lév. in Fedde, Rep. Sp. Nov. 10:475 (1912); Fl. Kouy-Tchéou 147 (1914); Hu in Journ. Arn. Arb. 41:183 (1960).

*C. lineata* Lév. in Fedde, Rep. Sp. Nov. 12:534 (1913); Fl. Kouy-Tchéou 148 (1914).

*C. longibracteata* Sleumer in Fedde, Rep. Sp. Nov. 38:205 (1935).

*C. sinica* Hao in Fedde, Rep. Sp. Nov. 42:85 (1937).

1295. *Clethra kaipoensis* Lévl. in Fedde, Rep. Sp. Nov. 10:475 (1912), Fl. Kouy-Tchéou 147 (1914); Hand.-Mazz., Symb. Sin. 7:760 (1936); Rehder in Journ. Arn. Arb. 15:268 (1934), 18:228 (1937); Hu in Journ. Arn. Arb. 41:188 (1960); Sleumer in Bot. Jahrb. 87:82 (1967).

*C. pinfaensis* Lévl. in Fedde, Rep. Sp. Nov. 10:476 (1912); Fl. Kouy-Tchéou 148 (1914); Hu in Journ. Arn. Arb. 41:187 (1960).

*C. brammeriana* Hand.-Mazz. in Anz. Akad. Wiss. Wien, Math.-Nat. Kl. 18:7 (1921).

*C. kwangsiensis* Hu in Journ. Arn. Arb. 41:188 (1960).

*C. polyneura* Li in Journ. Arn. Arb. 24:449 (1943); Hu in Journ. Arn. Arb. 41:189 (1960).

1296. *Enkianthus chinensis* Franch.; Lévl., Cat. Pl. Yunnan 86 (1916); Rehder in Journ. Arn. Arb. 15:279 (1934), 18:230 (1937).

*Zenobia cerasiflora* Lévl. in Bull. Acad. Géog. Bot. 12:253 (1903).

*Enkianthus cerasiflora* (Lévl.) Lévl. in Fedde, Rep. Sp. Nov. 9:448 (1911) & Fl. Kouy-Tchéou 148 (1914).

*Bodinerella cavaleriei* Lévl. in Fedde, Rep. Sp. Nov. 12:101 (1913) & Fl. Kouy-Tchéou 147 (1914).

*E. leveilleanus* Craib in Notes R.B.G. Edinb. 11:168 (1919).

1297. *Enkianthus dunnii* Lévl. in Fedde, Rep. Sp. Nov. 9:448 (1911) & Fl. Kouy-Tchéou 148 (1914); Rehder in Journ. Arn. Arb. 15:278 (1934), *l.c.* 18:230 (1937).

*E. cavaleriei* Lévl. in Fedde, Rep. Sp. Nov. 9:448 (1911).

*E. xanthoxantha* Lévl. in Fedde, Rep. Sp. Nov. 9:448 (1911) & Fl. Kouy-Tchéou 148 (1914).

1298. *Gaultheria leucocarpa* Blume, Bijdr. 856 (1826); Sleumer in Reinwardtia 4:178 (1957).

*Vaccinium yunnanense* Franch. in Journ. de Bot. 9:368 (1895).

*Gaultheria laxiflora* Diels in Bot. Jahrb. 29:515 (1900).

*Pieris fortunati* Lévl. in Bull. Soc. Bot. Fr. 54:369 (1907), Fl. Kouy-Tchéou 149 (1914) & Cat. Pl. Yunnan 87 (1916).

*P. vaccinium* Lévl. in Fedde, Rep. Sp. Nov. 9:448 (1911).

*Vaccinium yunnanense* Franch. var. *franchetiana* Lévl., Fl. Kouy-Tchéou 155 (1914)—*nom. nud.*

*Embelia vaniotii* Lévl., Fl. Kouy-Tchéou 285 (1915).

*G. yunnanensis* (Franch.) Rehder in Journ. Arn. Arb. 15:282 (1934).

1299. *Leucothoe griffithiana* Clarke; Rehder in Journ. Arn. Arb. 18:230 (1937).

*Pieris cavaleriei* Lévl. & Van. in Bull. Soc. Bot. Fr. 51:292 (1904); Lévl., Fl. Kouy-Tchéou 149 (1914).

*Leucothoe* sp.; Rehder in Journ. Arn. Arb. 15:280 (1934).

**1300. *Lyonia ovalifolia* (Wall.) Drude** in Engler & Prantl, Nat. Pflanzenfam. iv, 1:44 (1897); Rehder in Journ. Arn. Arb. 18:230 (1937).

*Andromeda ovalifolia* Wall. in As. Res. 13:391, t. (1820).

*Pieris ovalifolia* (Wall.) D. Don in Edinb. New Phil. Journ. 17:159 (1834); Lév., Fl. Kouy-Tchéou 150 (1914) & Cat. Pl. Yunnan 87 (1916).

*P. kouyangensis* Lév. in Bull. Acad. Géog. Bot. 12:253 (1903), in Bull. Soc. Bot. Fr. 53:204 (1906), Fl. Kouy-Tchéou 149 (1914) & Cat. Pl. Yunnan 87 (1916).

*P. ulbrichii* Lév. in Bull. Soc. Bot. Fr. 53:205 (1906), in Fedde, Rep. Sp. Nov. 3:262 (1907) & Fl. Kouy-Tchéou 150 (1914) as "*ulbrichiana*"—sphalm.

*P. mairei* Lév. in Bull. Acad. Géog. Bot. 25:21 (1915)—incl. var. *parvifolia* Lév., l.c.; Cat. Pl. Yunnan 87 (1916).

*Vaccinium mairei* Lév. in Bull. Acad. Géog. Bot. 25:21 (1915), Cat. Pl. Yunnan 94 (1916).

*Xolisma ovalifolia* (Wall.) Rehder in Journ. Arn. Arb. 5:52 (1924), l.c. 15:281 (1934) incl. var. *lanceolata* (Wall.) Rehder, l.c. 15:281 (1934).

*Lyonia ovalifolia* (Wall.) Drude var. *lanceolata* (Wall.) Hand.-Mazz., Symb. Sin. 7:788 (1936); Rehder in Journ. Arn. Arb. 18:231 (1937).

*Lyonia ovalifolia* is a very variable species, especially with respect to leaf shape. Var. *lanceolata* which represents an extreme form with narrower leaves and longer calyx lobes, is maintained by Rehder with *Pieris kouyangensis* and *P. mairei* var. *parvifolia* as synonyms. The types of both *P. mairei* sensu stricto and *Vaccinium mairei* appear however to be quite extreme as the two former taxa and both of the latter Rehder refers to *L. ovalifolia* var. *ovalifolia*. Pending further study, I therefore consider it unwise to maintain *L. ovalifolia* var. *lanceolata* as a separate taxon.

**1301. *Lyonia villosa* (Wall.) Rehder** var. *pubescens* (Franch.) Rehder in Journ. Arn. Arb. 18:281 (1937).

*Pieris henryi* Lév. in Bull. Soc. Bot. Fr. 53:204 (1906), in Fedde, Rep. Sp. Nov. 3:262 (1907) & Cat. Pl. Yunnan 87 (1916).

*Xolisma villosa* (Wall.) Rehder var. *pubescens* (Franch.) Rehder in Journ. Arn. Arb. 15:281 (1934).

**1302. *Pieris formosa* (Wall.) D. Don** in Edinb. New Phil. Journ. 17:159 (1834); Lév., Cat. Pl. Yunnan 87 (1916); Rehder in Journ. Arn. Arb. 15:280 (1934).

*P. bodinieri* Lév. in Bull. Acad. Géog. Bot. 12:253 (1903), in Bull. Soc. Bot. Fr. 53:205 (1906), Fl. Kouy-Tchéou 149 (1914) & Cat. Pl. Yunnan 87 (1916).

*Pieris oligodonta* Lév. = *Maesa japonica* (Thunb.) Moritz (Myrsinaceae).

**1303. *Pyrola corbieri* Lév.** in Bull. Acad. Géog. Bot. 12:254 (1903), Fl. Kouy-Tchéou 150 (1914) & Cat. Pl. Yunnan 87 (1916).

*P. decorata* Andres in Notes R.B.G. Edinb. 8:7 (1913); Křisa in Bot. Jahrb. 90:502 (1971).

CHINA. Kweichow: environs de Kouy-yang, mont du Collège, dans les bois, 26 v 1898, Bodinier 2286 (holo. E).

The Edinburgh type of *P. corbieri* has well developed flowering and fruiting stems; Křisa (*l.c.*) cites it as '*species obscura*' on the assumption that only inadequate type material was available. *P. alba* Andres is very closely allied and may prove to be conspecific.

**1304. *Rhododendron bachii* Lévl.** in Fedde, Rep. Sp. Nov. 12:102 (1913) & Fl. Kouy-Tchéou 152 (1914); Hutchinson in Spec. Rhodod. 561 (1930); Rehder in Journ. Arn. Arb. 15:275 (1934), 18:229 (1937).

Scarcely separable from *R. ovatum* Maxim. with which it is almost certainly conspecific.

**1305. *Rhododendron bureavii* Franch.** in Bull. Soc. Bot. Fr. 34:281 (1887). *R. cruentum* Lévl. in Fedde, Rep. Sp. Nov. 12:284 (1913) & Cat. Pl. Yunnan 89 (1916); Tagg in Spec. Rhodod. 640 (1930); Rehder in Journ. Arn. Arb. 15:269 (1934).

*R. cruentum* was previously distinguished from *R. bureavii* Franch. by its shorter (0.5–0.8 cm), fleshy calyx and smaller (2.5–3.2 cm) corolla but these differences are insufficient for specific separation.

**1306. *Rhododendron cavaleriei* Lévl.** in Bull. Soc. Agric. Sci. Arts Sarthe 39:48 (1903) & Fl. Kouy-Tchéou 152 (1914); Hutchinson in Spec. Rhodod. 612 (1930); Rehder in Journ. Arn. Arb. 15:276 (1934); Lauener in Notes R.B.G. Edinb. 27:9 (1966).

*Reevesia esquirolii* Lévl. in Fedde, Rep. Sp. Nov. 13:175 (1914) & Fl. Kouy-Tchéou 405 (1915).

**1307. *Rhododendron chrysocalyx* Lévl. & Van.** in Fedde, Rep. Sp. Nov. 2:113 (1906); Lévl., Fl. Kouy-Tchéou 152 (1914); Rehder in Journ. Arn. Arb. 15:276 (1934), *l.c.* 18:230 (1937).

*R. spinigerum* Lévl. in Bull. Acad. Géog. Bot. 24:251 (1914) & Cat. Pl. Yunnan 93 (1916).

*R. kouytchense* Lévl., Fl. Kouy-Tchéou 152 (1914)—*nom. nud.* pro syn. sub *R. chrysocalyx*.

**1308. *Rhododendron decorum* Franch.**; Tagg in Spec. Rhodod. 269 (1930); Rehder in Journ. Arn. Arb. 15:270 (1934).

*R. franchetianum* Lévl. in Bull. Soc. Agric. Sci. Arts Sarthe 39:46 (1903) & Cat. Pl. Yunnan 91 (1916).

*R. albicaule* Lévl. in Fedde, Rep. Sp. Nov. 13:148 (1914).

*R. giraudiasii* Lévl., *l.c.* 340 (1914) & Cat. Pl. Yunnan 91 (1916).

Rehder (*l.c.*) noted a possible discrepancy in the type of *R. albicaule* in that Léveillé's description did not 'fit the specimen well' but the type does match *R. decorum*. Léveillé (Fl.-Kouy-Tchéou 152, 1914) treats *R. albicaule* as a synonym of the obviously very different *R. cavaleriei*.

**1309. *Rhododendron denudatum*** Lévl. in Fedde, Rep. Sp. Nov. 13:339 (1914) & Cat. Pl. Yunnan 89 (1916); Tagg in Spec. Rhodod. 24 (1930); Rehder in Journ. Arn. Arb. 15:269 (1934), *l.c.* 18:229 (1937).

*R. xanthoneuron* Lévl. in Fedde, Rep. Sp. Nov. 13:340 (1914) & Cat. Pl. Yunnan 94 (1916).

Closely allied to *R. floribundum* Franch., which, according to Tagg (*l.c.*) differs in its smaller leaves, less glossy above and with a white indumentum below. *R. denudatum* is described as having larger leaves, glossy above, with a tawny indumentum below. There is apparently some overlap between the species.

**1310. *Rhododendron emarginatum*** Hemsl. & Wilson in Kew Bull. 1910:118 (1910).

*R. euonymifolium* Lévl. in Fedde, Rep. Sp. Nov. 12:103 (1913), & Fl. Kouy-Tchéou 152 (1914); Hutchinson in Spec. Rhodod. 820 (1930); Rehder in Journ. Arn. Arb. 15:273 (1934).

Hutchinson (*l.c.*) separates *R. emarginatum* from *R. euonymifolium* on the basis of a supposed leaf shape difference; this is not borne out by the material available at Edinburgh.

**1311. *Rhododendron esquirolii*** Lévl. in Fedde, Rep. Sp. Nov. 12:102 (1913); Hutchinson in Spec. Rhodod. 614 (1930); Rehder in Journ. Arn. Arb. 15:276 (1934), 18:229 (1937).

*R. vaniotii* Lévl. in Fedde, Rep. Sp. Nov. 13:148 (1914).

**1312. *Rhododendron farinosum*** Lévl. in Fedde, Rep. Sp. Nov. 13:340 (1914) & Cat. Pl. Yunnan 90 (1916); Tagg in Spec. Rhodod. 25 (1930); Rehder in Journ. Arn. Arb. 15:269 (1934).

**1313. *Rhododendron fastigiatum*** Franch. in Bull. Soc. Bot. Fr. 33:234 (1886); M. N. & W. R. Philipson in Notes R.B.G. Edinb. 34:37 (1975).

*R. nanum* Lévl. in Fedde Rep. Sp. Nov. 12:285 (1913) & Cat. Pl. Yunnan 92 (1916); Tagg in Rhodod. Soc. Notes 3:230 (1928) & Rehder in Journ. Arn. Arb. 15:273 (1934) pro syn. sub *R. polycladum* Franch.

**1314. *Rhododendron feddei*** Lévl. in Fedde, Rep. Sp. Nov. 12:102 (1913), Fl. Kouy-Tchéou 152 (1914); Hutchinson in Spec. Rhodod. 611 (1930); Rehder in Journ. Arn. Arb. 15:278 (1934).

The type specimen is too poor for proper identification; it is probably referable to an already described species in series *Stamineum*.

**1315. *Rhododendron fuchsifolium*** Lévl. in Fedde, Rep. Sp. Nov. 13:148 (1914) & Fl. Kouy-Tchéou 152 (1914); Tagg in Spec. Rhodod. 852 (1930); Rehder in Journ. Arn. Arb. 15:276 (1934).



**1316. *Rhododendron irroratum*** Franch.; Tagg in Spec. Rhodod. 346 (1930); Rehder in Journ. Arn. Arb. 18:229, 361 (1937).

*R. maximowiczianum* Lévl. in Bull. Soc. Agric. Sci. Arts Sarthe 39:47 (1903) & Cat. Pl. Yunnan 92 (1916); Rehder in Journ. Arn. Arb. 15:278 (1934).

**1317. *Rhododendron lacteum*** Franch.; Tagg in Spec. Rhodod. 381 (1930); Rehder in Journ. Arn. Arb. 15:269 (1934).

*R. mairei* Lévl. in Fedde, Rep. Sp. Nov. 12:285 (1913) & Cat. Pl. Yunnan 92 (1916).

**1318. *Rhododendron liliiflorum*** Lévl. in Fedde, Rep. Sp. Nov. 12:102 (1913) & Fl. Kouy-Tchéou 153 (1914); Hutchinson in Notes R.B.G. Edinb. 12:33, f. 5 (1919), in Spec. Rhodod. 493 (1930); Rehder in Journ. Arn. Arb. 15:271 (1934).

**1319. *Rhododendron lutescens*** Franch.; Hutchinson in Spec. Rhodod. 789 (1930); Rehder in Journ. Arn. Arb. 15:271 (1934); Fang, Icon. Pl. Omeiens. 1:pl. 35 (1942).

*R. lemeei* Lévl. in Fedde, Rep. Sp. Nov. 13:339 (1914) & Cat. Pl. Yunnan 92 (1916).

*R. blinii* Lévl. in Bull. Acad. Géog. Bot. 25:21 (1915) & Cat. Pl. Yunnan 88 (1916).

**1320. *Rhododendron lyi*** Lévl. in Fedde, Rep. Sp. Nov. 13:147 (1914) & Fl. Kouy-Tchéou 153 (1914); Hutchinson in Spec. Rhodod. 467 (1930); Rehder in Journ. Arn. Arb. 15:271 (1934).

**1321. *Rhododendron missionarium*** Lévl. in Bull. Acad. Géog. Bot. 25:20 (1915) & Cat. Pl. Yunnan 92 (1916); Hutchinson in Spec. Rhodod. 468 (1930); Rehder in Journ. Arn. Arb. 15:271 (1934).

Close to and possibly conspecific with *R. ciliicalyx* Franch.

**1322. *Rhododendron mucronatum*** (Bl.) G. Don; Rehder in Spec. Rhodod. 92 (1930); Rehder in Journ. Arn. Arb. 15:278 (1934).

*R. argyi* Lévl. in Fedde, Rep. Sp. Nov. 12:102 (1913) & in Mem. Real Acad. Cienc. Artes Barcelona, ser. 3, 12:550 (1916).

**1323. *Rhododendron mucronulatum*** Turcz.; Nakai, Pl. Sylv. Kor. 8:35, t. 10 (1919) & in Bull. Nat. Sci. Mus. Tokyo no. 31:82 (1952); Rehder in Journ. Arn. Arb. 15:275 (1934); Tagg in Spec. Rhodod. 227 (1930).

*R. dauricum* L. var. *mucronulatum* (Turcz.) Maxim. in Mém. Acad. Sci. St. Pétersb. sér. 7, 16(9):44 (1870).

*R. taquetii* Lévl. in Fedde, Rep. Sp. Nov. 12:101 (1913).



**1324. *Rhododendron racemosum* Franch.;** Hutchinson in Spec. Rhodod. 829 (1930); Rehder in Journ. Arn. Arb. 15:274 (1934).

*R. moutsouense* Lévl. in Fedde, Rep. Sp. Nov. 13:148 (1914) & Cat. Pl. Yunnan 92 (1916).

*R. crenatum* Lévl. in Bull. Acad. Géog. Bot. 25:20 (1915) & Cat. Pl. Yunnan 89, f. 22 (1916).

**1325. *Rhododendron rex* Lévl.** in Fedde, Rep. Sp. Nov. 13:340 (1914) & Cat. Pl. Yunnan 93 (1916); Tagg in Spec. Rhodod. 250 (1930); Rehder in Journ. Arn. Arb. 15:270 (1934), 18:229 (1937).

**1326. *Rhododendron rigidum* Franch.** in Bull. Soc. Bot. Fr. 33:233 (1886).

*R. caeruleum* Lévl. in Fedde, Rep. Sp. Nov. 12:284 (1913) & Cat. Pl. Yunnan 89 (1916); Rehder in Journ. Arn. Arb. 15:273 (1934), 18:229, 361 (1937).

*R. rarosquamum* Balf. f. in Notes R.B.G. Edinb. 10:137 (1917).

*R. eriandrum* Lévl. apud Hutchinson in Spec. Rhodod. 798 (1930).

**1327. *Rhododendron rubiginosum* Franch.** in Bull. Soc. Bot. Fr. 34:282 (1887).

*R. leclerei* Lévl. in Fedde, Rep. Sp. Nov. 12:284 (1913) & Cat. Pl. Yunnan 92 (1916); Hutchinson in Spec. Rhodod. 326 (1930); Rehder in Journ. Arn. Arb. 15:271 (1934).

**1328. *Rhododendron siderophyllum* Franch.;** Hutchinson in Spec. Rhodod. 809 (1930); Rehder in Journ. Arn. Arb. 15:272 (1934).

*R. jahandiezii* Lévl. in Fedde, Rep. Sp. Nov. 13:340 (1914) & Cat. Pl. Yunnan 92 (1916); Tagg in Spec. Rhodod. 852 (1930).

*R. leucandrum* Lévl. in Fedde, Rep. Sp. Nov. 12:103 (1913) & Fl. Kouy-Tchéou 153 (1914); Rehder in Journ. Arn. Arb. 15:272 (1934).

**1329. *Rhododendron souliei* Franch.;** Tagg in Spec. Rhodod. 732 (1930); Rehder in Journ. Arn. Arb. 15:270 (1934).

*R. cordatum* Lévl. in Bull. Acad. Géog. Bot. 24:282 (1914) & Cat. Pl. Yunnan 89, f. 21 (1916).

**1330. *Rhododendron spinuliferum* Franch.** in Journ. de Bot. 9:399 (1895).

*R. duclouxii* Lévl. in Bull. Soc. Agric. Sci. Arts Sarthe 39:49 (1903) & Cat. Pl. Yunnan 90 (1916); Hutchinson in Spec. Rhodod. 606 (1930).

*R. fuchsiaeflora* Lévl. in Fedde, Rep. Sp. Nov. 12:284 (1913) & Cat. Pl. Yunnan 91 (1916).

Rehder (in Journ. Arn. Arb. 15:274, 1934) followed Handel-Mazzetti in treating both *R. duclouxii* and *R. fuchsiaeflora* as hybrids between *R. spiciferum* and *R. spinuliferum* Franch., but there is no evidence to suggest that this is so.

**1331. *Rhododendron stamineum*** Franch.; Hutchinson in Spec. Rhodod. 623 (1930); Rehder in Journ. Arn. Arb. 15:275 (1934); Fang, Icon. Pl. Omeiens. 1:pl. 18 (1942).

*R. cavaleriei* Lévl. var. *chaffanjonii* Lévl. in Bull. Soc. Agric. Sci. Arts Sarthe 39:49 (1903) & Fl. Kouy-Tchéou 152 (1914).

'*R. chaffanjonii* Lévl.' in Hutchinson in Spec. Rhodod. 623 (1930) *pro. syn.*

**1332. *Rhododendron tatsienense*** Franch.; Rehder in Journ. Arn. Arb. 15:272 (1934).

*R. tapelouense* Lévl. in Bull. Acad. Géog. Bot. 25:20 (1915) & Cat. Pl. Yunnan 93 (1916); Tagg in Spec. Rhodod. 853 (1930).

**1333. *Rhododendron umbelliferum*** Lévl. in Fedde, Rep. Sp. Nov. 12:102 (1913), Fl. Kouy-Tchéou 153 (1914) & Cat. Pl. Yunnan 94 (1916); Tagg in Spec. Rhodod. 853 (1930); Rehder in Journ. Arn. Arb. 15:277 (1934).

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